

M/35/002

DIVISION OF
OIL, GAS AND MINING

KENNECOTT UTAH COPPER
RECLAMATION ACTIVITIES PLAN FOR 2000
PERMIT NUMBER M/035/002

This report summarizes the reclamation activities planned within the boundaries of Permit Number M/035/002. This report is submitted in partial fulfillment of the requirements of the September 28, 1978 Mined Land Reclamation Contract and of the Annual Report of Mining Operations. Individual reclamation projects are described below. Not listed below are interim reclamation projects for dust control on the existing tailings impoundment which will occur as needed throughout 2000.

Area #1 Tailings Impoundment Northwest Stepback Revegetation

Location: North and northwest of Magna, Utah (several sections within T1S, R3W).

Description: The active surface of the existing tailings impoundment is being reduced by a series of stepbacks. In 2000 a large 900-acre stepback is planned for the northwest corner of the existing impoundment. This area will be planted as soon as it has dried enough to allow equipment access.

Purpose: To stabilize tailings, to provide fugitive dust and erosion control, and to establish grazing land and wildlife habitat.

Activity: Perform minor contouring and leveling on exposed areas as required. Hydroseed or drill seed grasses, legumes, forbs, shrubs and trees in areas planned for permanent reclamation. Biosolids or fertilizer will be applied to all areas that will be planted.

Area: Approximately 900 acres will be permanently reclaimed.

Schedule: Spring and Fall of 2000.

Area #2 Queen Waste Rock Disposal Area

Location: Immediately south of the Bingham Pit about five miles southwest of Copperton, Utah (Section 2, T4S, R3W).

Description: Hydroseeding or drill seeding on an area that was recontoured and had biosolids applied in 1999. The waste rock soils in this area have pH and salinity conditions that are thought to be favorable for plant growth.

Purpose: To increase evapotranspiration and reduce infiltration and runoff on the upper flat surface of the Queen dump. To establish wildlife habitat and also to test the efficacy of direct seed application into waste rock soils with these physical and chemical characteristics.

Activity: All power poles and debris were removed from the upper surface of the Queen dump in 1999. It was then recontoured and had biosolids applied. Hydroseeding or drill seeding of grasses, legumes, forbs, shrubs and trees will be conducted on those parts of the upper surface that did not have seedlings planted in 1999.

Area: About 10 acres.

Schedule: Spring and Fall of 2000.

Area #3 Olsen Waste Rock Disposal Area

Location: One half mile southeast of the Bingham Pit, about five miles southwest of Copperton, Utah (Section 1, T4S, R3W).

Description: Hydroseeding or drill seeding on an area that was recontoured and had biosolids applied in 1999. The waste rock soils in this area have pH and salinity conditions that are considered favorable for plant growth.

2000. Hydroseeding or drill seeding of grasses, legumes, forbs, shrubs and trees will occur on all areas that were prepared in 1999 and 2000.

Area: About 41 acres total.

Schedule: Spring and Fall of 2000.

Area #5 Bear Gulch Waste Rock Disposal Area

Location: Immediately southwest of the Bingham Pit, about five miles southwest of Copperton, Utah (Section 3, T4S, R3W).

Description: Power poles and debris will be removed from the Bear Gulch dump surface, it will then be recontoured and have biosolids applied. Seed will be applied to the entire prepared area. The waste rock soils in this area have pH and salinity conditions that are thought to be favorable for plant growth.

Purpose: To increase evapotranspiration and reduce infiltration and runoff on the upper flat surface of the Bear Gulch dump. To provide wildlife habitat and to test the efficacy of direct seed application into waste rock soils with these physical and chemical characteristics.

Activity: All power poles and debris will be removed from the upper flat surface of the Bear Gulch dump. It will then be recontoured and have biosolids applied. Hydroseeding or drill seeding of grasses, legumes, forbs, shrubs and trees will occur on all areas that are prepared.

Area: About 12 acres total.

Schedule: Spring and Fall of 2000.

Purpose: To increase evapotranspiration and reduce infiltration and runoff on the upper flat surface of the Olsen dump. To provide wildlife habitat and to test the efficacy of direct seed application into waste rock soils with these physical and chemical characteristics.

Activity: All power poles and debris were removed from the upper flat surface of the Olsen dump in 1999. It was then recontoured and had biosolids applied. Hydroseeding or drill seeding of grasses, legumes, forbs, shrubs and trees will occur on all areas that were prepared in 1999.

Area: About 13 acres total.

Schedule: Spring and Fall of 2000.

Area #4 Midas Waste Rock Disposal Area

Location: Immediately east of the Bingham Pit, about three miles southwest of Copperton, Utah (Section 25, T3S, R3W).

Description: Hydroseeding or drill seeding on an area that was recontoured and had biosolids applied in 1999, and an adjacent area that will be prepared in 2000. The waste rock soils in this area have pH and salinity conditions that are considered marginal to favorable for plant growth.

Purpose: To increase evapotranspiration and reduce infiltration and runoff on the upper flat surface of the Midas dump. To provide wildlife habitat and to test the efficacy of direct seed application into waste rock soils with these physical and chemical characteristics.

Activity: All power poles and debris were removed from about 23 acres on the upper flat surface of the Midas dump in 1999. It was then recontoured and had biosolids applied. An additional 18 acres on the flat surface will be recontoured and have biosolids applied in